Listing of Claims:

Claims 1-7 (Cancelled)

Claim 8. (Previously Presented) <u>A CDMA (code division multiple access) communication system, comprising:</u>

<u>first transmitter means for multiplying a plurality of orthogonal codes by a first pseudo-random noise code to obtain a plurality of first spreading codes and for employing the first spreading codes to spread information;</u>

<u>second transmitter means for multiplying the orthogonal codes by a second pseudo-random noise code to obtain a plurality of second spreading codes and for employing the second spreading codes to spread information, the second pseudo-random noise code being substantially the same as the first pseudo-random noise code except for a phase difference;</u>

<u>first receiver means which includes means for recovering the information by despreading the information with one of the first spreading codes; and</u>

<u>second receiver means which includes means for recovering information by despreading the information with one of the second spreading codes.</u>

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Claim 9. (Previously Presented) <u>A CDMA (code division multiple access) communication method, comprising the steps of:</u>

<u>(a) multiplying a plurality of orthogonal codes by a first pseudo-random noise code to obtain a plurality of first spreading codes;</u>

<u>(b) employing the first spreading codes to spread information prior to transmission thereof;</u>

<u>(c) multiplying the orthogonal codes by a second pseudo-random noise code to obtain a plurality of second spreading codes;</u>

<u>(d) employing the second spreading codes to spread information prior to transmission thereof;</u>

<u>(e) recovering received information by despreading it with one of the first spreading codes; and</u>

<u>(f) recovering received information by despreading it with one of the second spreading codes.</u>

Claim 10. (Previously Presented) <u>A method for use in a CDMA (code division multiple access) communication system for transmitting information, said method comprising the steps of:</u>

<u>(a) multiplying a code selected from a set of orthogonal codes by another code to obtain a spreading code; and</u>

<u>(b) using, as the another code in step (a), a predetermined pseudo-random noise code or the pseudo-random noise code shifted in phase.</u>

Claim 11. (Previously Presented) A CDMA (code division multiple access) transmitter

for transmitting information, said transmitter comprising:

(a) spreading means for spreading the information; and

(b) multiplying means for multiplying a code selected from a set of orthogonal codes by a

pseudo-random noise code or the pseudo-random noise code shifted in phase.